

9-9-05

IFW  
#



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant:** Fabian W. Gibson **September 7, 2005**  
**Serial No.:** 10/628,313 **Art Unit:** 3682  
**Filed:** 07/28/2003 **Examiner:** Vicky A. Johnson  
**For:** TIMING BELT AUTOTENSIONER WITH AN ANTI-TOOTH  
SKIP MECHANISM

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO EXAMINER'S ACTION DATED APRIL 7, 2005**

Sir:

In response to the examiner's action, the Remarks are on the attached page.

Respectfully submitted,

FABIAN W. GIBSON

By James M. Deimen

James M. Deimen, #25504  
320 N. Main Street, Suite 300  
Ann Arbor, MI 48104-1192  
Phone: (734) 994-5947  
Fax: (734) 769-2702

**10/628,313**  
**REMARKS**

Claims 1-17 have been rejected as indefinite under 35 U.S.C. 112, written description requirement. Reconsideration is respectfully requested in view of the following considerations.

The numerical values attendant to the angle between the tip 132 and teeth surfaces 134 in FIG. 2a are design considerations specific to a belt and pulley combination for a specific engine. Parameters, such as surface finish on the tip 132 and teeth surfaces 134, width (perpendicular to the drawing) and height of the teeth, compliance of the housing and average radius through the teeth of the ratchet wheel 42, all can come into play in making a specific design. Admittedly, the numerical values of these parameters are judgment calls on the part of an experienced engine design or clutch engineer when developing a new engine design or applying this invention to an existing engine. These parameters will, in large part, be different for large slow-rotation engines in contrast with small high-speed engines of the same horsepower, for example. Thus, specific numerical values were not provided in the application, but nevertheless the disclosure is believed adequate to meet the written description requirement of the statute.